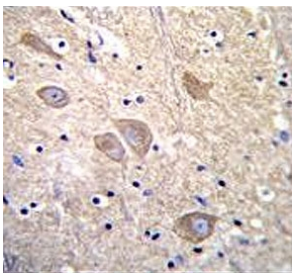
VSNL1 Antibody / VILIP1 / Visinin-like protein 1 (F54643)

Catalog No.	Formulation	Size
F54643-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54643-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

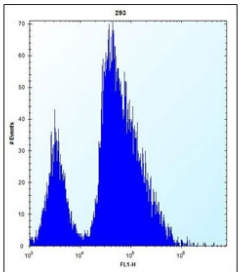
Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P62760
Localization	Cytoplasmic
Applications	Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This VSNL1 antibody is available for research use only.



IHC testing of FFPE human brain tissue with VSNL1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Western blot testing of mouse heart lysate with VSNL1 antibody. Predicted molecular weight ~17 kDa.



Flow cytometry testing of human HEK293 cells with VSNL1 antibody; Left=isotype control, Right= VSNL1 antibody.

Description

This gene is a member of the visinin/recoverin subfamily of neuronal calcium sensor proteins. The encoded protein is strongly expressed in granule cells of the cerebellum where it associates with membranes in a calcium-dependent manner and modulates intracellular signaling pathways of the central nervous system by directly or indirectly regulating the activity of adenylyl cyclase. Alternatively spliced transcript variants have been observed, but their full-length nature has not been determined.

Application Notes

The stated application concentrations are suggested starting points. Titration of the VSNL1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 47-75 from the human protein was used as the immunogen for the VSNL1 antibody.

Storage

Aliquot the VSNL1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.